

ClaimsWhat is claimed is:

1 1. A computer controlled system for modularizing the  
2 information technology structure of a business  
3 organization into a structure of interchangeable holonic  
4 self-contained modules, with each module performing a set  
5 of related functions comprising:  
6       means for providing a plurality of sets of self-  
7 controlling holons, each holon in each set performing a  
8 business capability of the same type as performed by the  
9 other holons in its respective set but each set of holons  
10 performing a different business capability type than the  
11 other sets of holons; and  
12       means for providing a plurality of integration  
13 holons, each integration holon respectively integrating  
14 the holons in one of said sets to provide a coordinated  
15 overall business capability of one of said different  
16 types.

1 2. The system for modularizing the information  
2 technology structure of a business organization of claim  
3 1 wherein each integration holon integrates the holons in  
4 one of said sets to unitary overall business capability  
5 holon.

1 3. The system for modularizing the information  
2 technology structure of a business organization of claim  
3 1 wherein the business capability type performed by one  
4 of said sets of holons is World Wide Web services  
5 capability.

20160701000749000000

1 4. The system for modularizing the information  
2 technology structure of a business organization of claim  
3 wherein the business capability type performed by  
4 another of said sets of holons is of the internal  
5 business organization type.

1 5. The system for modularizing the information  
2 technology structure of a business organization of claim  
3 4 wherein the business capability type performed by  
4 another of said sets of holons is of the data processing  
5 organization type.

1 6. The system for modularizing the information  
2 technology structure of a business organization of claim  
3 2 wherein said holons are interchangeable to perform  
4 their respective business capabilities in other  
5 information technology structures.

1 7. The system for modularizing the information  
2 technology structure of a business organization of claim  
3 6 further including:  
4 a holon directory listing available interchangeable  
5 holons and the respective business capability of each of  
6 said available holons; and  
7 means for registering an interchangeable holon in  
8 said directory.

1 8. The system for modularizing the information  
2 technology structure of a business organization of claim  
3 5 further including means for visualizing the modularized  
4 information technology structure of said business  
5 organization on a display of said computer controlled  
6 system.

2025 RELEASE UNDER E.O. 14176

1 9. In a computer controlled system, a method for  
2 modularizing the information technology structure of a  
3 business organization into a structure of interchangeable  
4 holonic self-contained modules, with each module  
5 performing a set of related functions comprising:

6 providing a plurality of sets of self-controlling  
7 holons, each holon in each set performing a business  
8 capability of the same type as performed by the other  
9 holons in its respective set but each set of holons  
10 performing a different business capability type than the  
11 other sets of holons; and

12 providing a plurality of integration holons, each  
13 integration holon respectively integrating the holons in  
14 one of said sets to provide a coordinated overall  
15 business capability of one of said different types.

1 10. The method for modularizing the information  
2 technology structure of a business organization of claim  
3 8 wherein each integration holon integrates the holons in  
4 one of said sets to unitary overall business capability  
5 holon.

1 11. The method for modularizing the information  
2 technology structure of a business organization of claim  
3 9 wherein the business capability type performed by one  
4 of said sets of holons is World Wide Web services  
5 capability.

1 12. The method for modularizing the information  
2 technology structure of a business organization of claim  
3 11 wherein the business capability type performed by  
4 another of said sets of holons is of the internal  
5 business organization type.

1 13. The method for modularizing the information  
2 technology structure of a business organization of claim  
3 12 wherein the business capability type performed by  
4 another of said sets of holons is of the data processing  
5 organization type.

1 14. The method for modularizing the information  
2 technology structure of a business organization of claim  
3 10 wherein said holons are interchangeable to perform  
4 their respective business capabilities in other  
5 information technology structures.

1 15. The method for modularizing the information  
2 technology structure of a business organization of claim  
3 13 further including the steps of:  
4 providing a holon directory listing available  
5 interchangeable holons and the respective business  
6 capability of each of said available holons; and  
7 registering an interchangeable holon in said  
8 directory.

1 16. The method for modularizing the information  
2 technology structure of a business organization of claim  
3 12 further including the step of visualizing the  
4 modularized information technology structure of said  
5 business organization on a display of said computer  
6 controlled system.

1 17. A computer program having code recorded on a  
2 computer readable medium in a computer controlled system  
3 for modularizing the information technology structure of  
4 a business organization into a structure of  
5 interchangeable holonic self-contained modules, with each  
6 module performing a set of related functions comprising:

7       means for providing a plurality of sets of self-  
8 controlling holons, each holon in each set performing a  
9 business capability of the same type as performed by the  
10 other holons in its respective set but each set of holons  
11 performing a different business capability type than the  
12 other sets of holons; and

13       means for providing a plurality of integration  
14 holons, each integration holon respectively integrating  
15 the holons in one of said sets to provide a coordinated  
16 overall business capability of one of said different  
17 types.

1 18. The computer program for modularizing the  
2 information technology structure of a business  
3 organization of claim 17 wherein each integration holon  
4 integrates the holons in one of said sets to unitary  
5 overall business capability holon.

1 19. The computer program for modularizing the  
2 information technology structure of a business  
3 organization of claim 17 wherein the business capability  
4 type performed by one of said sets of holons is World  
5 Wide Web services capability.

1 20. The computer program for modularizing the  
2 information technology structure of a business  
3 organization of claim 19 wherein the business capability  
4 type performed by another of said sets of holons is of  
5 the internal business organization type.

1 21. The computer program for modularizing the  
2 information technology structure of a business  
3 organization of claim 20 wherein the business capability  
4 type performed by another of said set of holons is of the  
5 data processing organization type.

1 22. The computer program for modularizing the  
2 information technology structure of a business  
3 organization of claim 18 wherein said holons are  
4 interchangeable to perform their respective business  
5 capabilities in other information technology structures.

1 23. The computer program for modularizing the  
2 information technology structure of a business  
3 organization of claim 22 further including:  
4 a holon directory listing available interchangeable  
5 holons and the respective business capability of each of  
6 said available holons; and  
7 means for registering an interchangeable holon in  
8 said directory.

1 24. The computer program for modularizing the  
2 information technology structure of a business  
3 organization of claim 21 further including means for  
4 visualizing the modularized information technology  
5 structure of said business organization on a display of  
6 said computer controlled system.